

## SPEAKER BIOGRAPHICAL SUMMARIES BY SESSION



### Day One: Monday, August 15<sup>th</sup>

#### 10:00 – 4:00 **Certified Floodplain Manager (CFM) Refresher Training**

**Susan Wilson**, CFM, Chief, Floodplain Management and Insurance Branch Mitigation Division, FEMA Region IV

Susan W. Wilson is chief of the Floodplain Management and Insurance Branch of the Mitigation Division, Federal Emergency Management Agency Region IV. She is responsible for FEMA programs that help communities mitigate natural hazards, participate in the National Flood Insurance Program (NFIP) and develop local floodplain management programs that reduce flood risk in the eight FEMA Region IV states. Previously, she was senior natural hazards specialist, serving as flood insurance and lender compliance specialist for the region. Wilson began working at FEMA Region IV in 1983. She has been involved in response and recovery activities for a number of major floods, tropical storms and hurricanes, including Elena, Hugo, Andrew, Opal, Alberto, Fran, Charley, Frances, Jeanne, Ivan, Katrina, and Wilma, the Georgia floods of 2009, and the 2010 floods in Kentucky and Tennessee.

Prior to joining FEMA, Wilson worked as a community planner at the Coosa Valley Area Planning and Development Commission in Rome, Ga., and for the Georgia Department of Community Affairs.

A certified floodplain manager, Wilson has frequently taught floodplain management courses at the FEMA Emergency Management Institute and has provided training on flood insurance and mandatory flood insurance requirements for certain borrowers to numerous bank compliance associations. Wilson graduated cum laude from Wittenberg University, with majors in geography and Spanish. She has a master's degree in geography from the University of Georgia.

**Jason Hunter**, CFM, Sr. Natural Hazard Program Specialist, Floodplain Management and Insurance Branch Mitigation Division, FEMA Region IV

Jason, a native of Decatur, GA, is a Senior Natural Hazards Program Specialist with the Floodplain Management and Insurance Branch of FEMA Region 4. He has been with the FMI Branch since March of 2005. Jason has been involved in all aspects of the Branch's operations, including the outreach and ordinance adoption functions that take place with the floodplain remapping efforts, to providing NFIP and floodplain management technical support to local and State officials in Florida, Georgia, and Mississippi. Jason serves as an instructor for the floodplain management related courses offered throughout the Region. He also serves as the Region 4 Project Manager for the Community Assistance Program- State Supported Services Element (CAP-SSSE) Program.

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Following Hurricane Katrina, Jason served as the Outreach and Public Awareness Lead for the Mississippi Gulf Coast Remapping Project and was responsible for leading the team in all of the extensive outreach efforts associated with this project. He has served as the the NFIP Lead for Georgia disaster operations, 1833, 1858, and 1973. Prior to working with FEMA, Jason was an Associate Planner for the City of Jackson, Mississippi's Office of Housing and Community Development. He earned a Master of Art in Urban and Regional Planning from Jackson State University in Jackson, Mississippi. Jason is also an active member in the Association of State Floodplain Managers and is a Certified Floodplain Manager.

### **6:00 – 7:00 Silver Jackets Program Management**

**Alex Dornstauder**, Director, National Flood Risk Management Program, HQ-USACE

Alex C. Dornstauder assumed duties as the Deputy Director for Homeland Security, Headquarters, U.S. Army Corps of Engineers (USACE) on 24 October 2010. In this role, he serves as the Program Director, Business Line Manager, and Community of Practice Leader for USACE's Flood Risk Management, Critical Infrastructure and Resiliency, and Emergency Management programs.

Mr. Dornstauder's previous assignment was as the Executive Director for Civil and Emergency Operations at Headquarters, USACE from August 2007 until his retirement from Active Duty in June 2010. Prior to that, he served with USACE as the Commander and District Engineer of the Los Angeles District from June 2004 to July 2007, Deputy Commander and Chief of Staff of the Gulf Region Division in Baghdad, Iraq, and Deputy Commander of the South Pacific Division in San Francisco.

Mr. Dornstauder served as a commissioned officer in the U. S. Army from 1980 to 2010 after his graduation from the United States Military Academy at West Point. He is also a graduate of the U.S. Army Airborne and Ranger Schools, the Engineer Officer Basic and Advanced Courses, the Combined Arms Service and Staff School, the Command and General Staff College, the School of Advanced Military Studies, and the Naval War College. He holds a Master of Science degree in Civil Engineering from the Massachusetts Institute of Technology, where he is also a doctoral candidate, a Master of Business Administration from the University of Hawaii, a Master of Military Arts and Science from the Advanced Military Studies Program at Fort Leavenworth, and a Master of Arts in National Security and Strategic Studies from the Naval War College.

Mr. Dornstauder's military assignments include: Platoon Leader and Executive Officer, F Company, 4th Engineer Battalion and Commander, B Company, 12th Engineer Battalion, 8th Infantry Division; Project Engineer, Chief of Civil Works, and Assistant Resident Engineer, Honolulu District, Pacific Ocean Division; Assistant Division Engineer, Chief of G3 Plans, and Executive Officer for both the 23rd Engineer Battalion and Division Engineer Brigade, 1st Armored Division; Deputy Commander, 937th Engineer Group (Combat) and Commander, 1st Engineer Battalion (Diehard), 1st Infantry Division; and Director, Engineer Operations and Chief of the Initiatives Group for the Commanding General, U. S. Army Europe.

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Mr. Dornstauder's military awards include the Legion of Merit, the Bronze Star Medal, the Meritorious Service Medal, the Army Commendation Medal, the Army Achievement Medal, the Army Superior Unit Award, the NATO Medal, the Parachutist Badge, the Ranger Tab, and the U. S. Army Corps of Engineers Silver de Fleury Medal.

Most importantly, Mr. Dornstauder is married to the former Miss Marion Braun of Königstädten, Germany. They have two children, Alexander (18) and Kristin (15).

**Jennifer Dunn**, Program Manager, Silver Jackets Program, USACE-Institute for Water Resources (IWR)

Jennifer Dunn has served as the National Silver Jackets Program Manager for the US Army Corps of Engineers Institute of Water Resources since October 2008. She has more than 15 years of experience with USACE, serving two details as a liaison to the Department of Homeland Security and a planner with the South Pacific Division, seven years as a planner and Flood Plain Management Services/Planning Assistance to States Program Manager at San Francisco District, and five years as an environmental engineer in the Sacramento District. She holds a Bachelor's degree in Chemistry from the Honors Tutorial College of Ohio University, a Master's degree in Civil and Environmental Engineering from University of California Davis. She advanced to candidacy for a doctoral degree in Civil and Environmental Engineering from UC Davis, with the thesis topic of public participation in environmental decision-making. She is also a Certified Floodplain Manager.

### **6:00 – 7:00 External Partner Orientation: "Corps-speak" Immersion Program**

**Judy Soutiere**, CFM, National Flood Risk Management Team, USACE-Institute for Water Resources

Judy Soutiere is currently works for the Institute of Water Resources on the USACE National Flood Risk Management Team. Judy was the Flood Risk Program Manager for Sacramento District Corps of Engineers. Ms Soutiere was the Section Chief for the Water Resources Branch in Planning, responsible for working on studies for water resource projects in Utah, parts of Nevada and the Central Valley of California and the Delta. Ms Soutiere was a Civil Works Project manager for five years before moving to Planning. She has been with the Corps of Engineers since 1992. Judy holds a bachelor's in Chemical Engineering and master's in Industrial and Management Engineering from Montana State University. She is a Certified Floodplain Manager.

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### Day Two: Tuesday, August 16th

8:30 – 9:00 **Welcome**

**Lt. Colonel James DeLapp**, District Commander, USACE-Nashville District

Lieutenant Colonel Jim DeLapp was born in Oak Park, Illinois, and raised in Barrington, Illinois. He was commissioned a Lieutenant in the Corps of Engineers upon graduation from Kansas State University in 1994, where he received his Bachelor's of Architecture degree. Lieutenant Colonel DeLapp earned his Master's of Science in Construction Management from Texas A&M University in 2003. Lieutenant Colonel DeLapp is a graduate of the Engineer Officer Basic and Advanced Courses, Combined Arms Services Staff School, Command and General Staff College, Ranger School, Airborne School, Air Assault School, and the 82nd Airborne Division Jumpmaster School. Lieutenant Colonel DeLapp's military experience includes a variety of engineer command and staff assignments. His command assignments include: Sapper Platoon Leader and Executive Officer in the 41st Engineer Battalion (Light), Fort Drum, New York; Company Commander of Bravo Company 37th Engineer Battalion (Combat)(Airborne); Area Commander - Phoenix Office and Deputy District Commander, U.S. Army Corps of Engineers Los Angeles District.

His staff assignments include: Aide-de-Camp to the Assistant Division Commander 10th Mountain Division (Light Infantry), Fort Drum, New York; Operations Officer for the XVIII Airborne Corps Staff Engineer Section and Assistant S-3 for the 37th Engineer Battalion (Combat)(Airborne), Fort Bragg, North Carolina; Operations and Executive Officer of the 864th Engineer Combat Battalion (Heavy) Fort Lewis, Washington; and Congressional Fellow for both Senator Hillary Rodham Clinton - New York and Senator Mark Begich - Alaska. His last assignment was at the Pentagon as the Legislative Assistant to the Chief of Staff of the Army, General George W. Casey, Jr. Lieutenant Colonel DeLapp has thirty-two months in operational deployments including: Bosnia - Operation Joint Endeavor Implementation Force (IFOR) and later Operation Joint Guard Stabilization Force (SFOR); Kosovo - Operation Joint Guardian Kosovo Force (KFOR); Iraq - Operation Iraqi Freedom; and Afghanistan - Operation Enduring Freedom with the International Security and Assistance Force (ISAF).

Lieutenant Colonel DeLapp's military awards and decorations include: two Bronze Star Medals; the Defense Meritorious Service Medal; three Meritorious Service Medals; four Army Commendation Medals; three Army Achievement Medals; the National Defense Service Medal (with Bronze Service Star); the Armed Forces Expeditionary Medal; the Armed Forces Service Medal; the Humanitarian Service Medal; three NATO Medals; the Kosovo Campaign Medal (with Bronze Service Star); the Afghanistan Service Medal (with Bronze Service Star); the Iraqi Campaign Medal (with two Bronze Service Stars); the Global War on Terrorism Expeditionary and Service Medals; two Meritorious Unit Awards; and the Army Superior Unit Award. He also wears the Ranger Tab, Army Staff Badge, Senior Parachutist Badge, Air Assault Badge, the Venezuelan parachute badge, and the Bronze de Fleury Medal.

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Lieutenant Colonel DeLapp is married to the former Angela Eichem of Wamego, KS. They have three children, Gabriel, Sophia, and Luke.

#### **Major General Jim Bassham**, Director of Tennessee Emergency Management Agency

James H. Bassham was appointed as Director of TEMA by Governor Phil Bredesen in August of 2003 and reappointed by Governor Bill Haslam in January 2011. He previously served in state government as the Assistant Adjutant General of the Tennessee Air National Guard with the rank of Major General and then as Budget Officer for the Military Department of Tennessee. Director Bassham has led the agency through over 30 declared state emergencies of which 16 were presidentially-declared disasters and one was a national health emergency.

Since his appointment as Director, TEMA has attained national accreditation in the Emergency Management Accreditation Program (only 29 states are fully or conditionally accredited). Tennessee has been accredited for four years. Tennessee is one of 10 states nationally recognized by the Federal Emergency Management Agency as capable of implementing its plans in a catastrophic emergency.

He was commander of the National Guard Air Base in Memphis from 1993 to 1995 after having served as deputy commander, vice commander and commander of a series of units in Memphis over a period of 11 years. After almost 40 years of service, he retired in 2002 from the military with the Legion of Merit and a host of other medals and recognitions.

Director Bassham was born and raised in Arkansas and received a Bachelor of Science in Business Administration and Accounting from the University of Arkansas. He is fully National Incident Management System (NIMS) qualified having completed all courses through the 400 level.

He and his wife Judy live in Franklin, Tennessee. He has 2 daughters and 3 grandchildren.

#### 9:00 – 9:10 **Overview of Workshop Intent & Objectives**

#### **Jeffrey Jensen**, Deputy Director, National Flood Risk Management Program, USACE-Institute for Water Resources

Jeffrey Jensen serves as the Deputy Director for the Flood Risk Management Program, Institute for Water Resources, U.S. Army Corps of Engineers. He is responsible for the planning, direction and coordination of flood risk management and other related emergency activities and development of national policy for Flood Risk Management. Mr. Jensen began his civilian service career in the HQ U.S. Army Corps of Engineers, Emergency Management Branch after his retirement from the Army in January 2003. Prior to this assignment Mr. Jensen was the Program Manager for the Corps Flood Control and Coastal Emergencies Program and an engineer officer in the U.S. Army. His military assignments include Commander of a Combat Engineer Company, Deputy Director of

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Engineering & Housing for the Presidio of San Francisco, Deputy District Engineer, San Francisco District, Military Construction Program Manager for the U.S. Intelligence & Security Command, and Deputy Chief, U.S. Army Corps of Engineers Emergency Operations Center, HQ U.S. Army Corps of Engineers.

Mr. Jensen is a native of Utah and has received a Bachelor's degree in Geology from Utah State University, and a Master's of Science degree in Environmental Management from the University of San Francisco.

### **9:10 – 9:45 Views from Senior Leadership: National and International Perspectives on Flood Risk Management, Changing our Culture**

**Karen Durham-Aguilera**, Director of Contingency Operations and Homeland Security, HQ-USACE

Karen Durham-Aguilera, P.E., is the Director of Contingency Operations and Office of Homeland Security, Headquarters, U. S. Army Corps of Engineers. A member of the Senior Executive Service, she is responsible for leadership of the USACE Homeland Security missions in support of the Department of Homeland Security, the Department of the Army, and the Department of Defense. She serves as the Program manager for all USACE efforts to assist Federal, state and local emergency management and response organizations with mitigation, planning, training, and exercises necessary to provide capabilities to respond to any emergency or disaster, including a terrorist incident involving weapons of mass destruction as well as other natural or manmade hazards. The Directorate of Contingency Operations provides command and control of USACE civil and military contingency operations, leads the development of command contingency doctrine, maintains readiness, provides oversight of contingency program development and execution and develops and publishes contingency plans. Ms. Durham-Aguilera's portfolio also includes leading USACE efforts in flood risk management and critical water resources infrastructure resilience.

Durham-Aguilera was most recently Director of Task Force Hope in New Orleans, Louisiana, an element of the U.S. Army Corps of Engineers' Mississippi Valley Division. She was responsible for development and execution of the Corps' \$14.6 billion hurricane protection system work in New Orleans and Southeast Louisiana, in the wake of Hurricane Katrina, and the long-term planning of coastal restoration and hurricane damage reduction.

In 2006, Durham-Aguilera served as the Director of Programs for the Corps' Northwestern Division where she was responsible for \$3.5 billion in civil works and military programs that included hydroelectric, navigation, flood damage reduction, and endangered species recovery projects, in an area that covered about 25 percent of the continental United States.

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In 2005, Durham-Aguilera served as the Director of Reconstruction Programs, Project and Contracting office (PCO) in Baghdad, Iraq. She was responsible for planning, coordination, contracting acquisition and execution of nearly 3,200 projects spanning all construction sectors throughout Iraq with a workforce from all branches of the armed forces, multi-national civilians and Iraqi professionals.

A registered professional engineer in the state of Louisiana, Durham-Aguilera holds a bachelor's degree in civil engineering and a master's degree in civil (geotechnical) engineering, both from the University of Louisville. Prior to her assignment to the Northwestern Division, Durham-Aguilera served as Chief, Construction-Operations Division, at the Corps' Sacramento District. After early career assignments in New Orleans, Louisiana, she served in numerous engineering positions in the United States and abroad, including project engineer, resident engineer and area engineer.

Recognitions include the Silver Order and Bronze Order of the DeFleury Medal, Joint Civilian Service, Meritorious Service, Superior Civilian Service Awards and Commander's Awards. Durham-Aguilera was the Corps of Engineers' 1990 Southwestern Division Engineer of the Year and 1993 Federal Engineer of the Year. She is also a recipient of the Secretary of Defense Medal for the Global War on Terrorism, and a 2008 recipient of the Presidential Rank Award for Meritorious Service.

**Dr. Sandra Knight**, Deputy Assistant Administrator, Mitigation Directorate, FEMA

Dr. Sandra K. Knight assumed her duties as the new Deputy Federal Insurance and Mitigation Administrator for Mitigation at the Federal Emergency Management Agency on January 4, 2010.

Dr. Knight provides executive leadership, oversight and supervision for the development and administration of regulations, policies and procedures for the Risk Reduction and Risk Analysis Divisions and Offices of Environmental Planning and Historic Preservation, and Regional and Disaster Support. This includes Floodplain Mapping, Floodplain Management, Hazard Mitigation Assistance Grants, Building Sciences, Mitigation Planning, Dam Safety, the National Earthquake Hazards Reduction Program, and hazardous risk assessment methodologies.

Dr. Knight is a member of the Senior Executive Service and comes to FEMA from the National Oceanic and Atmospheric Administration (NOAA), where she served as the Director of the Office of Policy, Planning and Evaluation. There she was responsible for the development of corporate policies and planning strategies, to ensure scientific excellence, transparent operations, and improved performance of NOAA's research portfolio.

Prior to serving with NOAA, Dr. Knight was a member of the U.S. Army Corps of Engineers' Engineer Research and Development Center in Vicksburg, Miss., where she was the Technical Director for navigation research and responsible for directing and planning strategic,

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multidisciplinary research which supported the sustainable development and management of the nation's waterways infrastructure.

Following the impact of Hurricane Katrina on the Gulf Coast, she stepped in to provide leadership support to the Mississippi Valley Division Corps of Engineers as Chief, Business Technical Division, serving as lead engineer for the Valley. During her last year with the Corps, she was on special assignment to the Corps Headquarters as the team lead for asset management, establishing accountability and life-cycle guidance for over \$200 billion of the nation's real property assets.

She received her doctorate in Civil Engineering from the University of Memphis in 1996. She is a registered professional engineer in the state of Tennessee. She has been certified by the American Academy of Water Resource Engineers as a Diplomate, Water Resource Engineer and most recently by the newly formed Academy of Coastal, Ocean, Port & Navigation Engineers (ACOPNE) Board of Trustees as a founding inaugural Diplomate, Navigation Engineering (D.NE).

### **10:15 –10:50 Plenary Presentation and Discussion: The USACE Flood Risk Management and Silver Jackets Programs: Driving Down Risk through Shared Responsibility**

**Alex Dornstauder**, Director, National Flood Risk Management Program, USACE

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### **10:50 –11:30 Plenary Presentation and Discussion: Regional Experiences in Flood Risk Management**

**Russell Davis**, Chief, Operations Management, USACE- Memphis District

Russell F. Davis III was recently selected to serve as the Chief, Operations Division, Memphis District, U.S. Army Corps of Engineers. In this position, he is responsible for management and execution of operations and maintenance work on the Mississippi River and major tributaries across the six-state, 25,000-square-mile area served by the Memphis District. He has worked for the Corps of Engineers for more than 20 years in a variety of positions. In his last assignment he deployed to serve for 15 months as the Chief, Military Construction Branch, Afghanistan Engineer District (North). In that capacity he led the execution of a \$2 billion design and construction program in support of U.S. and allied coalition forces. Russ earned his bachelor's degree in Chemistry at Wesleyan University, and a master's degree in Civil Engineering at the University of Utah, Salt Lake City. He is also a 2009 graduate of the National War College where he earned a master's degree in National Security Strategy.

**Kristina Mullins**, Deputy for Project Management, USACE-Sacramento District

Kristina Mullins currently serves as the Deputy District Engineer and Chief, Programs and Project Management Division for the Sacramento District, US Army Corps of Engineers. Prior to coming



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to the district in October 2009, she served in the same position at the Afghanistan Engineer District for over a year. Ms. Mullins' professional experience includes both civil and military programs and projects, and she has also served at all levels of USACE - Headquarters, Division, and District. She has a Bachelor of Science degree in chemical engineering from Oklahoma State University and is registered as a Project Management professional.

#### **Sally Ziolkowski, Mitigation Director, FEMA-Region IX**

Sally M. Ziolkowski is division director of Mitigation for FEMA Region IX, a position she has held since June 1999. She oversees a number of programs such as the National Flood Insurance Program, Map Modernization, Hazard Mitigation Assistance Grants, Planning, National Earthquake Hazards Reduction Program, Environment and Historic Preservation Program, and other mitigation activities that provide protection, prevention and partnerships before disasters strike. She oversees Mitigation Division activities for FEMA Region 9 in the states of Arizona, California, Hawaii, Nevada, as well as the Territories of American Samoa and Guam, and the Commonwealth of the Northern Mariana Islands. Sally has represented FEMA internationally, and briefed numerous senior government emergency management and elected officials throughout Region 9.

#### **11:30 – 1:00 Lunch: The 2010 Nashville Floods Experience**

##### **Director-Chief Stephen Halford, Fire Chief, City of Nashville**

In 2001, after a nationwide search, Mayor Bill Purcell selected Steve Halford to be Nashville's new Fire Chief. As of April 1st of this year, Chief Halford has been with the City of Nashville for ten years.

Chief Halford, a veteran of the fire service; began his career as a volunteer fire fighter and soon entered the career fire service in Anne Arundel County, a suburb of Baltimore. The Anne Arundel County Fire department is a "combination" fire department, consisting of both career and volunteer fire fighters and is one of the largest such fire departments in the United States. During the next 29 years, Steve rose through the ranks of the career service holding the positions of Fire Fighter/EMT, Fire Dispatcher, Fire Engineer, Fire Lieutenant, Fire Captain, Fire Battalion Chief, Fire Division Chief, Deputy Fire Chief of Operations and in 1994 was appointed as Chief of the Anne Arundel County Fire Department. Concurrent with his duties as Fire Chief, Steve was also appointed as the Director of Emergency Management for Anne Arundel County. Chief Halford retired from Anne Arundel County in 1999.

After leaving Anne Arundel County, Chief Halford served for two years as Chief of the Clayton (Missouri) Fire Department. The City of Clayton is a main business hub for the City of St. Louis. Chief Halford holds a Bachelor's of Science Degree from the University of Maryland. He is a graduate of the Executive Fire Officer Program at the National Fire Academy. He has earned the designation of Certified Fire Officer from the Commission on Fire Accreditation International and

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the designation of Certified Emergency Manager from the International Association of Emergency Managers. He has authored several magazine articles for fire service trade magazines and represents the International Association of Fire Chiefs on occasion. Steve and his wife, Linda, reside in Bellevue and have 3 adult children.

### **1:00 – 2:30 Breakout Sessions: Best Practices and Lessons Learned in Flood Risk Management**

#### **Track 1: 2010 Nashville Flood Perspectives**

**Roger D. Lindsey**, Metro Water Services - Stormwater Division

Roger graduated from Mississippi State University with a BS Degree in Civil Engineering and a MS Degree in Environmental Engineering. He is a registered PE in Tennessee and Mississippi and is a certified floodplain manager.

Roger serves as the Program Manager for the Development Review Section of the Stormwater Department at Metro Nashville Water Services. He has worked in the water and wastewater industry for more years than he cares to remember, with experience in environmental regulation, water and wastewater design and construction, solid waste disposal, medical waste management and disposal, CERCLA and RCRA projects – including Superfund Site and other uncontrolled site remediation, Biosolids, and now Stormwater Engineering.

He presently serves as Vice-Chairman of the Franklin TN Planning Commission and as Chairman of the Franklin TN Stormwater Appeals Board. He is a Past-President of the Mississippi Water Environment Association.

#### **1. *Cooperative Efforts in Nashville Flood Preparedness*; Jamie G. James, USACE-Nashville District**

**Jamie James** is a Civil Engineer with the Water Resources Section of the Nashville District, USACE. He has over 19 years experience in Civil Engineering and is licensed in TN, KY, GA and NC. He received a BS in Civil Engineering from Tennessee State University and an MS from the University of Tennessee. Jamie works in riverine hydrology and hydraulics and has prepared hydrologic studies of drainage basins and streams in the southeastern United States. His current work involves preparing models of stream basins severely affected by the May 2010 flood as part of projects to assist Nashville Flood Preparedness, updating Cumberland and Harpeth River frequency profiles and post-flood analyses for other affected areas.

#### **2. *Cumberland River Basin, May 2010 Flood Event*; Larry Vannozzi, National Weather Service – Nashville; Bob Sneed, USACE-Nashville District; and Jim Noel, National Weather Service-Ohio River Forecast Center**

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**Larry Vannozi** is the Meteorologist-in-Charge of the National Weather Service's office in Nashville, Tennessee. His office issues forecasts, watches, and warnings for 39 counties across Middle Tennessee. They employ 23 people including forecasters and support staff. Larry joined the NWS's Nashville office in January 2004. Prior to his current position, he supervised the NWS office in Lubbock, Texas, during 2002 and 2003. He began his NWS career 25 years ago and has also worked at offices in Houston, Albuquerque, and the NWS's Southern Region Headquarters in Fort Worth, TX.

Larry earned his Bachelor of Science degree in meteorology from Penn State University in 1986. He also completed a Master of Science degree in Management at Texas Tech University in 1998.

**Bob Sneed** is the Water Management Section Chief for the Nashville District of the U. S. Army Corps of Engineers. In this role, he oversees the water control and water quality operations of the Corps' ten multipurpose water resources projects in the Cumberland River Basin. His duties are varied, and include flood damage reduction, commercial navigation, hydropower, water supply, and water quality responsibilities associated with operation of the reservoir system.

He is a native of Kinston, North Carolina. He received both his Bachelor's and Master's degrees in Environmental and Water Resources Engineering from Vanderbilt. Bob has spent his entire professional career with the Nashville District. This includes more than 31 years working in the water management field.

**Jim Noel** is currently the Service Coordination Hydrologist at the NOAA/National Weather Service's Ohio River Forecast Center (OHRFC). His duties include increasing interaction with OHRFC's partners and customers on the products and services we provide. In addition, this newly created position at the RFC's is designed to help improve existing products and develop new products with our partners.

Jim has served at the OHRFC since 1996 as a hydrologist with a departure to NWS Weather Forecast Office Atlanta as the Senior Hydrologist between 2000 and 2005. Besides operational hydrologic forecasting, his main areas of focus are in precipitation forecasting, climate forecasting, research and water resources outlooks. He teaches climate variability and change seminars and rainfall forecasting seminars for NOAA and COMET. He is currently working with others on expanding the NOAA/NWS water resources outlooks to the national stage.

His B.S. degree in meteorology is from Northern Illinois University and additional studies in soil science, hydraulics and civil engineering are from Ohio State University.

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3. ***Post Flood Damage Assessment and Disaster Recovery: The process in Kingston Springs, TN;*** Alan M. Armstrong and Sharon Caton, Tennessee Association of Floodplain Management

**Mike Armstrong** is a retired Marine Corps Chief Warrant Officer with thirty years of Administrative experience. Following his service with the Corp, Mike began a career in Floodplain Management with a county government in Tennessee. He completed multiple training courses with FEMA and the ASFPM during his tenure with the county. Mike provides consulting and training services for several cities in Tennessee and for the TN Association of Floodplain Management (TN AFPM) where he holds the position of Chairman.

Mike created the Local Government Floodplain Management Package©, a complete management process and training protocol for local government and implemented the process in Kingston Springs, TN. This innovative package and process received approval from FEMA and is described in detail on the Plans & More, LLP. Mike is a state and federal certified Local Government and private entity trainer for elected and appointed officials, boards, committees, and personnel. He served as the Floodplain Management Consultant for several cities in the State of Tennessee and serves on multiple boards, commissions, advisory panels, and community organizations.

**Sharon Caton** is a General Partner in the Plans & More, LLP Consulting Firm. A McNair Scholar, she graduated from the Honors College of Middle TN State University with a Bachelor of Science degree in Organizational Communication with a minor in Professional Writing and Summa Cum Laude from Delta State University with a Masters Degree in Community Development and Rural Planning as a Hearin Graduate Fellow. Sharon is a Certified Community Planner, Municipal Stormwater Manager, EPA Watershed Specialist, NADO Housing Specialist, CDBG Grant Specialist, TMDL and Watershed Specialist, Economic Development Specialist, Floodplain Administrator, and Regional Planning Commissioner.

Sharon is a state and federal certified Local Government and private entity trainer for elected and appointed officials, boards, committees, and personnel. She is the Consulting Planner for several cities in the State of Tennessee and serves on multiple boards, commissions, advisory panels, and community organizations. Sharon's resume details past and present projects, experience, presentations, and articles.

### **Track 2: Coastal Flood Risk Management**

**Susan Durden**, USACE-Institute for Water Resources

Ms. Susan Durden currently works as a senior economist with the Institute for Water Resources of the Corps of Engineers. IWR is located at the Humphreys Engineering Center in Alexandria, VA. IWR is a leader in the development of planning methods and tools to address economic, social, institutional and environmental needs in water resources planning and policy.

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She has degrees in economics and education with extensive post-graduate training in strategic planning, conflict resolution, environmental issue resolution and communications. She is from central Illinois where she was raised on a family farm which has been in operation for over 100 years.

Her experience includes working for the Corps of Engineers at Savannah District (South Atlantic Division), Baltimore District (North Atlantic Division) and Nashville District (Lower Rivers Division). She has served as an economist, study manager, project manager and supervisor. She was Chief of Economics in the Baltimore District and worked extensively with the Office of the Assistant Secretary of the Army for Civil Works on Congressionally mandated flood control projects in Wyoming Valley, PN.

In addition to her tenure with the Corps of Engineers, Ms. Durden was the Eastern U. S. Regional Manager for the National Marine Sanctuary program at NOAA Headquarters. She worked as an economic development and grant specialist at the Northwest Alabama Council of Local Governments and has taught as an adjunct faculty member at several colleges and universities.

1. ***Coastal FRM: Current and Future Opportunities for Collaboration***; Lauren Leuck (presenting) and Lynn Martin, USACE-Institute for Water Resources

**Lauren Leuck** (pronounced “like”) is an environmental scientist and Presidential Management Fellow at the U.S. Army Corps of Engineers Institute for Water Resources. She focuses on floodplain management and coastal policies and initiatives, as well as the Corps’ value to the nation and asset management programs.

Lauren Leuck joined the Army Corps as a Presidential Management Fellow in 2009. As part of her two-year fellowship she completed a detail at the White House Council on Environmental Quality (CEQ). While at CEQ, she worked on the Federal Interagency Floodplain Management Task Force, mountaintop mining, and the revision of the Principles and Guidelines for Water and Related Land Resources.

Prior to joining the Corps, Lauren worked for the Alliance to Save Energy, a nongovernmental organization focused on energy efficiency. She has also worked for the Louisiana Department of Environmental Quality.

Lauren received her undergraduate degree from Tulane University in 2006 and her Master’s degree from Louisiana State University’s School of the Coast and Environment in 2009. Her master’s thesis focused on social-ecological resiliency in New Orleans following Hurricane Katrina. She lives and works in Alexandria, VA.

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2. ***Coastal Resilience Planning Process for New York State Communities***; Barry Pendergrass, New York State Department of State

**Barry Pendergrass** has been a Coastal Resources Specialist with the New York State Department of State since 1996. He currently oversees the coastal hazards and climate change units within the Coastal Resources Division. Mr. Pendergrass earned a Master of Regional Planning degree from the State University of New York at Albany, a Master of Architecture from the University of Illinois, and a baccalaureate in Liberal Arts from Oregon State University. His knowledge of coastal processes combined with his experience with community planning, public agencies and construction make him uniquely qualified to foster sustainable management alternatives on behalf of the Department of State and to serve as liaison to affected communities.

3. ***South Florida Sea Level Rise Projections and Flood Risk Concerns***; Glenn Landers, USACE-Jacksonville District

**Glenn Landers** is a Civil Engineer for the U.S. Army Corps of Engineers, Planning and Policy Division in Jacksonville, FL. A native of central Texas, he earned BSCE and MS degrees from the University of Texas at Austin and is a registered Professional Engineer in FL and TX. He has 30+ years of combined planning, design and project management experience with the USACE involving large scale water resources and civil works projects in California, Georgia, Kentucky, Mississippi, Florida and Puerto Rico. His USACE career started at the Engineer Research and Development Center (ERDC) in Vicksburg, MS where he worked on earthquake stability studies for large dams. Later he moved to the USACE District in Jacksonville, FL, as a geotechnical engineer for design and construction of the 330-foot high Cerrillos Dam located near Ponce, Puerto Rico. Currently Mr. Landers is the USACE lead for CERP Climate Change Adaptation Studies.

### **Track 3: Flood Risk Management through Mitigation**

**Norb Schwartz**, USACE Flood Risk Management Team

Norb Schwartz is presently a Re-Employed Annuitant with the USACE working part time in Flood Risk Management. He recently retired from FEMA Region V after 32 years as the Mitigation Division Director. As the Director he had oversight of the National Flood Insurance Program, mitigation planning, floodplain mapping and management, dam safety program, earthquake risk reduction program, and several mitigation grant programs including the Hazard Mitigation Grant Program. He participated in several federal disaster response and recovery operations during his tenure. He started his career with the Chicago District of the USACE as a hydraulic and hydrologic engineer. He received a MS in Civil Engineering Water Resources from University of Maryland and a BA from University of Michigan. Norb resides in Riverside, IL.

## SPEAKER BIOGRAPHICAL SUMMARIES BY SESSION



### *Tuesday (continued)*

1. ***Hazard Mitigation Planning—Maximizing Update Resources***; Devan Leavins, Florida Division of Emergency Management

**Devan Leavins** is a Mitigation Planner with the Florida Division of Emergency Management, coordinates the Silver Jackets program for the State of Florida working closely with local, state, and federal agencies involved. In addition, he assists communities with their Local Mitigation Strategies and Comprehensive Emergency Management Plan reviews, conducts various trainings and outreach projects for Florida counties, and acts as the state liaison between the Florida Floodplain Managers Association and FEMA for trainings related to Certified Floodplain Managers (CFM) throughout the state. Devan has M.S. in Urban and Regional Planning from the Florida State University.

2. ***Hazard Mitigation Strategy Development during Disasters***; Robert Nadeau, Mitigation Division, FEMA Region I

**Bob Nadeau** is the Hazard Mitigation Team Lead in the Flood Insurance and Mitigation Division at FEMA Region 1. He is responsible for overall program coordination of disaster and non-disaster grants, prepares the region's response to Congressional inquiries concerning mitigation programs and is the region's Representative on the FEMA Integrated Policy Team. Prior to joining FEMA, Bob was a Regional Manager for the Massachusetts Emergency Management Agency, coordinating preparedness, response, recovery and mitigation activities for 96 communities and was the agency's primary liaison to the local emergency management community in his region. He also worked at the Massachusetts Department of Housing and Community Development prior to joining FEMA and is a three term elected Town Selectman in his Town of Maynard, Massachusetts. He has a Masters in Urban Planning from Boston University and a Political Science degree from Northeastern University.

3. ***Promoting Local Planning for Flood Hazard Mitigation*** ; Tom Smith, Mitigation Division, FEMA Region V

**Tom Smith** is an urban planner with 30 years experience. Presently he is on the staff at FEMA Region V as a Community Planning Specialist within the Mitigation Division. He is also an Adjunct Professor of Urban Planning in the Graduate School of Planning and Public Administration at the University of Illinois in Chicago. Previously Tom was a planning consultant with Duncan Associates in Chicago providing guidance to cities and towns on land use planning and zoning. He has served as a Research Director for the American Planning Association in Chicago and was responsible for a national program focused on land use and zoning. Early in his career he worked for the Michigan Department of Natural Resources as a land use planner on shoreline protection and natural rivers corridor planning. Tom has a M.S. in Urban and Regional Planning from Michigan State University as well as a M.B.A in Finance from Illinois Institute of Technology.



**Tuesday (continued)**

### **Track 4: Interagency Collaboration**

**Edward Thomas**, Natural Hazards Mitigation Association (NHMA)

Attorney Thomas is the President of the Natural Hazard Mitigation Association; and is the Chair of the Hazards Sub-Committee of the Land Use Planning and Zoning Committee, American Bar Association Section of State and Local Government Law. Ed also serves on the Advisory Committee of the Natural Hazards Center of the University of Colorado. He is a former board Member of the Association of State Floodplain Managers; and now serves as the liaison for that organization's on the No Adverse Impact Committee. Ed is employed by the Michael Baker Jr., Inc. Engineering Corporation, working on the development of partnerships to better map natural and man-made hazards in the United States. Ed retired from the Department of Homeland Security-Federal Emergency Management Agency after nearly thirty-five years of Public Service. During his time in government, he worked primarily in Disaster Mitigation, Preparedness and Response. He also was involved in the construction and management of housing developments for the Department of Housing and Urban Development. Ed is an Attorney, a frequent lecturer on Emergency Management issues, especially the Constitutional and Legal Aspects of Floodplain Regulations.

1. ***The Nexus Project: Integrating Interagency Flood Hazard Solutions on Brush Creek;***  
Brian Rast, USACE-Kansas City District

**Brian Rast** has been a project manager and planner in the US Army Corps of Engineers (USACE), Kansas City District, Planning Branch, since 2004. He has worked as a hydraulic engineer and civil site development, since 1993. He received a BS in Civil Engineering with a secondary major in Natural Resources and Environmental Science from Kansas State University in 1994. In 2004 he earned his MS in Engineering Management from the University of Kansas. He completed advanced training from the Institute for Water Resources' Planning Associates Program in 2007 and finished the USACE Kansas City District's Leadership Development Program in 2010. He is a Professional Engineer in Kansas and is a Certified Floodplain Manager and a Project Management Professional. He manages Civil Works water resource projects in flood risk management, ecosystem restoration, emergency streambank stabilization, and watershed planning. Recently, he has lead stakeholder groups in building stronger partnerships. On Brush Creek Basin feasibility study, he involved these partnerships in the on-going development of a watershed-level ecosystem output model to prioritize projects for an urban watershed, involving USEPA, state and local agencies. On Upper Turkey Creek, he succeeded in unifying cities and a drainage district in pursuing sound solutions for managing flood risks. He also is managing a study on a large levee in Manhattan, KS, including gaining public understanding of flood risks. As a Silver Jackets manager, he is involved with state-level hazard mitigation in Kansas & Missouri.



## SPEAKER BIOGRAPHICAL SUMMARIES BY SESSION



**Tuesday (continued)**

### **2. *Building Partnerships for a Coordinated Flood Vulnerability Assessment and Flood Readiness Plan. Are You Ready?;* William Smiley, USACE-Tulsa District**

**William Smiley** assumed the position of Chief, Emergency Management and Security Office U.S Army Corps of Engineers, Tulsa District in June 2009. Mr. Smiley is a direct report to the District Engineer as the Civilian Leader overseeing the functions of Emergency Management, Combat Engineering, Infrastructure Force Protection and Anti-Terrorism.

He is responsible for 180 counties across Oklahoma, Texas and Kansas. This includes 40 Levees, 32 Projects, 8 Dams and numerous high Security Military Projects. His scope includes; PL84-99, Strategic Planning, Continuity of Operations, Hazard Vulnerability Analysis, and the Emergency Operations Plans for all hazards.

Mr. Smiley served for 12 Years with ESF 8 within the US Department of Veterans Affairs and is retired Air Force with 24 years of service as a Wing Safety Superintendant and Command First Sergeant. He has served as the Subject Matter Expert at over 20 catastrophic events ranging from Nuclear Missile Events, Mass Fatalities, Airplane Crashes, Ice Storms, Power Outages, Floods, Fires, and Hazardous Materials Events. He has also served in the capacity of Military Combat Readiness Planner and as a Decontamination Program Manager.

He earned his War on Terrorism Combat Medal in 2005. He serves on the Board of Directors, Tulsa Chapter of the Society of American Military Engineers. He is married to Melinda Gayle Smiley together they have 5 Children and reside in Broken Arrow Oklahoma.

### **3. *The Central Valley Flood Protection Plan: The Process of Building a System-wide Investment Strategy;* Paul Marshall (presenting) and Gary Bardini, California Department of Water Resources**

**Paul A. Marshall** is an expert in California Delta issues including levee maintenance, water supply, water quality, ecosystem restoration, computer modeling, planning and permitting. He has more than two decades of experience throughout California's Central Valley and has worked on most of the high profile water supply and ecosystem restoration projects in California. Paul is currently the Assistant Division Chief for the Division of Flood Management and is acting as the Office Chief for the Flood Risk Assessment and Mitigation Office. He has a Master's and Bachelor's in Civil Engineering from California State University, Sacramento.

### **2:45 –3:30 Plenary Presentation and Discussion: FEMA Risk MAP Program – An Opportunity to Further Collaborate**

**Doug Bellomo**, Director, Risk Analysis Division, FEMA

Doug Bellomo, P.E. is a civil engineer with the Federal Emergency Management Agency (FEMA) in Washington, DC. He is currently the Director of the Risk Analysis Division within the Federal

## SPEAKER BIOGRAPHICAL SUMMARIES BY SESSION



### **Tuesday (continued)**

Insurance and Mitigation Administration at FEMA. Division responsibilities include flood hazard mapping as part of the National Flood Insurance Program, Natural Hazard Risk Assessment, Mitigation Planning, as well as implementing the National Dam Safety program. Mr. Bellomo is a professional engineer and holds a B.S. and M.S. in Civil Engineering. He has been working in the fields of flood hazard identification, risk management, and mitigation since 1993.

### **3:30 – 4:20 Plenary Presentation and Discussion: Reducing Flood Risk through Interagency Collaboration**

**Norb Schwartz**, USACE Flood Risk Management Team

See page 14.

**Brian Gillen**, Department of Housing and Urban Development

Brian Gillen serves a dual role with the US Department of Housing and Urban Development - as the Region V Sustainability Officer and the Native American Programs Specialist for the Eastern/Woodlands Office of Native American Programs. As the lead Sustainability Officer, he is a liaison for Field Office Sustainability Officers in Region V and the Headquarters Office of Sustainable Housing and Communities, and works collaboratively with the Federal Partners in Sustainability - US EPA, US DOT, in supporting grantees projects, especially in Illinois, and in raising awareness within the Department about sustainable practices.

His 30 year career spans human services, affordable and supportive housing development and asset management, community building, and sustainability while with the Federal government, nonprofit and faith-based organizations, and as a consultant. He was a member of the HUD Disaster Recovery Team, which worked with FEMA and the US Army Corps of Engineers in Florida in 2004; and, he coordinated the Illinois HUD response to the Mississippi River flooding in 2001.

**Tim Sweeney**, Natural Resources Conservation Service (NRCS-USDA)

Tim Sweeney is a Resource Planning Specialist with NRCS, and is the Acting NRCS USACE Liaison. His current position is attached to the National Office but he is located in Little Rock, Arkansas. He has 36 years of Federal service, 3 years with the Department of the Army as an Endangered Species Specialist, and 33 years and a NRCS planner. He has a Bachelor's of Science degree in Natural Resource Planning - University of Wisconsin Stevens Point. His current duties involve: serving as USACE Liaison looking for opportunities to partner, performing watershed project quality control for the Agency, evaluating and supporting new technology for watershed planning including models, and assisting states in conducting resource assessment and planning at the watershed scale.

## SPEAKER BIOGRAPHICAL SUMMARIES BY SESSION



**Tuesday (continued)**

**Noreen Schwein**, National Oceanic and Atmospheric Administration (NOAA)

Noreen Schwein has worked for the National Weather Service for over 30 years and in Central Region's Hydrology program since 1993. She is currently the Deputy for Hydrologic Services and has been very active in the Regional Flood Risk Management Team, a regional version of Silver Jackets. Noreen also represents the National Weather Service on the Advisory Team of the USACE/USGS/NWS Fusion Team.

4:20 – 5:15 **Plenary Presentation and Discussion: Achieving Environmental Success in Flood Risk Management**

**Peter Rabbon**, USACE-Institute for Water Resources

Pete Rabbon joined the Institute for Water Resources in May 2006 to manage the new Corps National Flood Risk Management Program. The end of 2010 he transitioned to Special Assistant. Mr. Rabbon has over 35 years of professional engineering experience. Prior to the Corps, he spent 20 years in the area of flood management for the State of California. In his most recent State position, he served as General Manager of the California State Reclamation Board and Executive Officer of the California Water Commission. Previously, he has worked in private practice as well as in County and State government.

Mr. Rabbon is a practicing civil engineer registered in California, Nevada, and Oregon. He received his Bachelor of Science and Master of Science degrees from the University of California at Davis. He also is a licensed engineering and building contractor.

**Dusty Williams**, National Association of Flood & Stormwater Management Agencies (NAFSMA)

Dusty Williams is the General Manager-Chief Engineer of the Riverside County Flood Control and Water Conservation District. As Director of the County's flood control agency, which serves a population of 1.8 million citizens, Mr. Williams oversees a staff of more than 230 and is responsible for a \$150 million budget (including over \$30 million annually in construction). During his 34 years with the District, he has gained an extensive background in all aspects of flood control from infrastructure design and construction to floodplain management to environmental permitting and water conservation/quality development.

Dusty has a B.S. in Civil Engineering from Cal Poly, Pomona and is a licensed Civil Engineer in California. He is a member of the American Society of Civil Engineers and currently serves as Vice President of the National Association of Flood and Stormwater Management Agencies. In 2008 Dusty was appointed to the National Committee on Levee Safety and serves as one of the two local government representatives on the 21 member Committee.

## SPEAKER BIOGRAPHICAL SUMMARIES BY SESSION



**Tuesday (continued)**

**Larry Larson**, Association of State Floodplain Managers (ASFPM)

Mr. Larson is a founding member of Association of State Floodplain Managers, Inc., established in 1977. He was the national Chair from 1979-82 and volunteered as the Executive Director from 1982 until it became a staff position in February, 1997. As the Executive Director he serves as an agent of the Association in accordance with the directives of the Board of Directors and the guidelines of the Constitution and Bylaws of the Association. Mr. Larson graduated from the University of Wisconsin - Platteville with a B.S. in Civil Engineering. He is a registered Professional Engineer in Wisconsin and California. His responsibilities include: coordinating implementation of ASFPM policies and directives set by the Board of Directors; coordinating and communicating with Federal agencies, the Administration, and Congress to promote effective policies and programs impacting flood risk, natural disasters and water resources of the nation that promote a sustainable society in an economic, environmental and social context, with a focus on community based decision making; providing tools, how-to guides and training for community officials and local staff to manage and reduce flood risk, using comprehensive watershed and community growth approaches, such as "No Adverse Impact"; communicating and coordinating with other professional organizations and partners with common goals and interests; providing liaison to and seek input from members, chapters, and corporate sponsors; producing conferences, workshops, and web based training, and web source information for flood risk professionals; and overseeing a nationwide Floodplain Manager Certification (CFM) program for professionals in the field.

**Mark Ogden**, Association of Dam Safety Officials (ASDSO)

Mark is a native of Ohio and holds a Bachelor of Science degree in Civil Engineering from The Ohio State University. He is a registered Professional Engineer in Ohio and a Certified Public Manager. Mark has twenty-five years of experience in state dam and levee safety regulation and he previously served on the Board of Directors of ASDSO and as president in 2007/2008. He is retired from the Ohio Department of Natural Resources, Division of Water where he served as the administrator of the Water Management Section with responsibility for the Dam Safety, Floodplain Management, Coastal Erosion Permitting, and Canal Operations Programs. Mark and his wife live in Columbus and they have four children.

**Edward Thomas**, Natural Hazards Mitigation Association (NHMA)

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## SPEAKER BIOGRAPHICAL SUMMARIES BY SESSION



### Day Three: Wednesday, August 17th

#### 8:00 – 8:45 **Senior Leadership Perspective: Building Strong through Flood Risk Management and Silver Jackets**

**Major General Merdith W.B. (Bo) Temple**, Acting Chief of Engineers, USACE

Major General Merdith W. B. (Bo) Temple assumed duties as the Acting Chief of Engineers and Acting Commanding General on 17 June 2011. As such, he is in command of the U.S. Army Corps of Engineers, which has over 36,000 employees, and manages an over \$40 billion annual program. He also remains as the Deputy Commanding General and Deputy Chief of Engineers. Major General Temple's previous assignment was as the Deputy Commanding General of Civil and Emergency Operations (DCG-CEO) for the U.S. Army Corps of Engineers. As the Nation's primary planner, designer, builder, and operator of flood control, navigation, environmental restoration, and multi-purpose water resource projects, he managed the Army's \$10 billion annual Civil Works Program.

Additionally, he was responsible for the federal emergency flood fighting effort, recovery operations, and emergency engineering and public works support in response to natural or manmade disasters. As the DCG-CEO, Major General Temple served as the President of the U.S. Section of the International Navigation Association (PIANC), President of the Corps' Coastal Engineering Research Board, and Executive Director of the Inland Waterways User Board.

Prior to serving as the DCG-CEO, Major General Temple was the Deputy Commanding General of Military and International Operations, U.S. Army Corps of Engineers, where he was responsible for policy, program, and technical functions in the execution of over \$20 billion of design, construction, and environmental programs for the Department of Defense and other federal agencies and foreign countries.

Before coming to Headquarters, Major General Temple served as Commander of the North Atlantic Division for the U.S. Army Corps of Engineers. Other previous assignments include duty as the Theater Engineer (C7), Combined Joint Task Force Seven, Baghdad, Iraq and Commander of the Corps' Transatlantic Programs Center in Winchester, Virginia. He also served as the Assistant Chief of Staff, Operations (G3), XVIII Airborne Corps and commanded both the 20th Engineer Brigade (Combat) (Airborne Corps) and the 307th Engineer Battalion (Combat) (Airborne) at Fort Bragg, North Carolina.

Major General Temple has also served as a Platoon Leader in the 44th Engineer Battalion, Korea and in the 548th Engineer Battalion (Combat) (Heavy), Ft. Bragg; and served on the staff of U.S. Army Europe & 7<sup>th</sup> Army, Germany. He commanded A/307th and later served on the 307th Engineer Battalion staff in Saudi Arabia, during the Persian Gulf War. Major General Temple

## SPEAKER BIOGRAPHICAL SUMMARIES BY SESSION



### *Wednesday (continued)*

served at the NATO Headquarters in Turkey, with the U.S. Army Personnel Command Center in Virginia, and as a Reserve Component advisor with the Readiness Group in Denver, Colorado.

Major General Temple, a Virginia native, was commissioned in the Engineer Branch in 1975. He earned a Bachelor's degree in civil engineering from the Virginia Military Institute and a Masters degree in civil engineering from Texas A&M University. He is also a graduate of the U.S. Army Command and General Staff College and the U.S. Army War College, and is a registered professional engineer in the Commonwealth of Virginia.

Major General Temple's military decorations include the Legion of Merit (two oak leaf clusters), the Bronze Star Medal, Joint Service Commendation Medal, Defense Meritorious Service Medal, the Army Meritorious Service Medal (six oak leaf clusters), Joint Service Commendation Medal, the Army Commendation Medal (four oak leaf clusters), the Army Superior Unit Award, and the Master Parachutist Badge.

**Major General William T. Grisoli**, Deputy Commanding General for Civil and Emergency Operations, USACE

On 17 December 2009, Major General William T. Grisoli was assigned as the Deputy Commanding General for Civil and Emergency Operations, United States Army Corps of Engineers. As the Deputy Commanding General for Civil and Emergency Operations, General Grisoli is responsible for a \$10B program. He exercises staff supervision over civil works activities of 8 engineer divisions and 38 districts nationwide employing 300 officers and 24,888 civilian employees who operate and maintain civil infrastructure valued at \$125B, including more than 609 dams, 4,330 recreation areas, over 12,000 miles of commercial inland waterways, and approximately 926 harbors. He serves as principal advisor to the Chief of Engineers and the Assistant Secretary of the Army for Civil Works and directly interfaces with members of Congress on civil works issues and programs. General Grisoli is responsible for emergency response missions for civil disasters and FEMA support.

General Grisoli was assigned to USACE after serving, most recently, as the Director, Program Analysis and Evaluation, Office of the Deputy Chief of Staff, G-8. Upon his arrival at USACE, General Grisoli deployed with Third US Army, as the Senior Engineer in Afghanistan, in support of the 30K force uplift for Operation Enduring Freedom.

General Grisoli's command assignments include B Company, 19th Engineer Battalion, 194th Armored Brigade, Fort Knox, KY; 41st Engineer Battalion, 10th Mountain Division, Fort Drum, NY and led the battalion during Operation Uphold Democracy in Haiti; 555th Engineer Group, Fort Lewis, WA; Northwest Division, United States Army Corps of Engineers, Portland, OR, and North Atlantic Division, New York, NY.

Staff assignments include tours as project engineer in the Far East District with the United States Army Corps of Engineers in Korea; deputy resident engineer and deputy district commander in

## SPEAKER BIOGRAPHICAL SUMMARIES BY SESSION



### **Wednesday (continued)**

the New Orleans District; assistant division engineer, 2nd Infantry Division in Camp Casey, Korea; battalion operations officer, 15th Engineer Battalion, 9th Infantry Division at Fort Lewis; systems integrator and executive officer in the Force Development Directorate, G-3; Director of Installation Support, Camp Doha, Kuwait; Deputy CENTCOM Engineer and Deputy Director of Army Transformation, Office of the Deputy Chief of Staff, G-3.

General Grisoli is a 1976 graduate of the United States Military Academy and earned a Master of Science Degree in Civil Engineering from the University of Illinois in 1983. He is a registered Professional Engineer.

General Grisoli's awards and decorations include the Distinguished Service Medal (with 1 Oak Leaf Cluster), Defense Superior Service Medal, Legion of Merit (with 2 Oak Leaf Clusters), Bronze Star Medal, Defense Meritorious Service Medal, Meritorious Service Medal (with 4 Oak Leaf Clusters), Army Commendation Medal (with 4 Oak Leaf Clusters), Joint Service Achievement Medal, Parachutist Badge, Ranger Tab, and the Army Staff Identification Badge.

### **8:45 –10:00 Plenary & Small Group Discussions: Life-Cycle Opportunities in Flood Risk Management: What Are You Doing to Reduce Risk?**

**Jeffrey Jensen**, Deputy Director, National Flood Risk Management Program, USACE-Institute for Water Resources

See page 5.

### **10:30 –3:00 Training Sessions**

#### **Track 1: Flood Risk Communication Essentials: *What people know about flood risk and what we can do about it***

**Torrie McAllister**, USACE-South Pacific Division

Torrie McAllister currently serves as the Chief of Strategic Communications and Public Affairs for the Corps regional HQ covering California, Utah, Nevada, Arizona, New Mexico and parts of 5 other western states. She has been a course instructor for Public Participation in the Planning Process since 2006, and is also a member of the USACE Risk Communications course development and training team. She is also a founding member of the new USACE Collaboration and Public Participation Community of Practice.

She is the senior strategic communications planner for the regional and prepares senior leaders and program managers to explain USACE to Congress, the news media, employees, special interest groups and strategic partners, including other Federal and State agencies. One of her

## SPEAKER BIOGRAPHICAL SUMMARIES BY SESSION



### **Wednesday (continued)**

major focus areas is to help project management teams integrate communications planning into their execution plans and help “make everyone a communicator” in the Corps of Engineers.

Prior her federal service career, Ms. McAllister worked as a news editor and reporter for three daily newspapers in Oregon. She left news journalism in 1979 for a career in Army public affairs that has included assignments with HQ USACE, Europe District, HQ U.S. Army Europe and the Army Engineer School.

She is a graduate of the University of Oregon, School of Journalism, and the Department of Defense Information School Public Affairs Advanced Course at University of South Carolina.

#### **Vince Brown**, Mitigation Division, FEMA-HQ

Vincent J. Brown is a Public Administrator in the Mitigation Division at the Headquarters of the Federal Emergency Management Agency in Washington, D.C. Mr. Brown is currently a senior program specialist in the Risk Analysis Branch and is responsible for hazard mitigation coordination, outreach, information dissemination and product development. With an extensive background in emergency management, he has over 30 years of experience in the federal government. Mr. Brown is a double graduate of Syracuse University, with a B.A. in Liberal Arts and a Master’s degree in Public Administration from the Maxwell School of Citizenship and Public Affairs.

#### **Timothy Connell**, USACE-New Orleans District

Tim graduated in 1985 with a Bachelor of Science degree in Civil Engineering from the University of New Orleans. After working for a concrete construction consulting firm, he began working with the Corps of Engineers New Orleans District in 1988 providing civil/structural design services and engineering support for maintenance of navigation structures. In 1995 he moved into the management of the Gulf Intracoastal Waterway project for the New Orleans District until July 2007. In July of 2007 Tim moved into his current position developing solutions for providing 100 year hurricane storm surge protection for the Algiers and Harvey areas of the West Bank of New Orleans. He is currently serving as the Project Manager for the GIWW West Closure Complex.

### **Track 2: Flood Warning and Observation**

#### **Mark Slauter**, Virginia Department of Emergency Management

Mark is currently the Branch Chief for the Integrated Flood Observation & Warning System (IFLOWS) program at the Virginia Department of Emergency Management (VDEM). His previous positions at VDEM include managing the Public Assistance and Hazard Mitigation programs. Prior to this he has worked in the Virginia Floodplain Management Program, managed the Virginia Coastal Nonpoint Pollution Control Program and contributed to the development of the



## SPEAKER BIOGRAPHICAL SUMMARIES BY SESSION



### **Wednesday (continued)**

Environmental Impact Statement and Master Plan for the Hackensack Meadowlands in New Jersey.

### **Track 3: Getting the Most Out of Your Flood Risk Management Dollars: Silver Jackets, Non-Structural Solutions, Floodplain Management Services and Planning Assistance to States**

**Randy Behm**, USACE-Omaha District;

Randy Behm is the Chief of the Flood Risk and Floodplain Management Section for the US Army Corps of Engineers, Omaha District. This is a stand-alone office of a team of eight employees totally dedicated to identifying and reducing flood risk, formulating nonstructural mitigation measures, and supporting sound floodplain management. He has been in this position since July 2001. Mr. Behm is also the Committee Chairman for the Corps' National Nonstructural Flood Proofing Committee. The committee consists of 7 full members and several technical advisors who advocate a complete set of nonstructural tools for reducing flood risk. Prior to these current positions, Mr. Behm has served as a Program Manager, a Hydraulic Design Engineer, and a Project Manager. He has been an employee of the Omaha District for 26 years.

**Joseph Remondini**, USACE-Tulsa District

Joe Remondini is the Tulsa District Corps of Engineers Floodplain Management Services Project Manager. He has worked for the Corps for 37 years with 35 in Floodplain Management. While there he worked on and oversaw completion of numerous Floodplain Studies for the Corps, FEMA and Communities. He earned a Bachelor of Science Degree at New Mexico State University in Civil Engineering in 1974. Mr. Remondini obtained a Master of Science Degree at Oklahoma State University in Civil Engineering with a specialty in Water Resources Engineering. He is a registered Professional Engineer in Oklahoma and a Certified Floodplain Manager.

Mr. Remondini is immediate past Chairman of the Corps Nonstructural Floodproofing Committee which promotes and educates on nonstructural flood reduction measures. He is an active member of the Association of State Floodplain Managers serving on several Committees. He is Co founder and past Chair of the Oklahoma Flood Plain Managers Association, currently Chairman of the Professional Development Certification Committee. He is an instructor for numerous FPMS workshops presented nationally for Corps employees and for State and Local Officials.

**Jerry Skalak**, USACE-Rock Island District

Mr. Jerry Skalak holds an undergraduate degree in Geography from the University of Wisconsin-LaCrosse and a Master's of Science degree in Water Resources Management from the University of Wisconsin-Madison.

## SPEAKER BIOGRAPHICAL SUMMARIES BY SESSION



### *Wednesday (continued)*

Mr. Skalak started his Federal career in 1984 as a cartographer at the San Antonio, TX, field office of the Defense Mapping Agency. He joined the Rock Island District of the U.S. Army Corps of Engineers in 1988. Since that time he has served as the project or program manager for the Upper Mississippi River System – Environmental Management Program (UMRS-EMP); UMRS Flow Frequency Study; UMRS Comprehensive Plan; and FEMA Mainstem Levees Evaluation Project. He also lead the District’s efforts to implement an enterprise GIS.

Mr. Skalak currently manages the District’s Long-term Dredged Material Management Program; Floodplain Management Services Program; Planning Assistance to States and Tribes Program; National Levee Database Project; National Flood Risk Management Program; FEMA Support Projects; Interagency and International Support Program; Small Boat Harbors Projects; and Miscellaneous General Investigations line items. He serves as team leader for the District’s Iowa and Minnesota Basin Integration Team and as the Corps’ lead representative to the Iowa Silver Jackets Flood Risk Management Team.

Mr. Skalak is a Certified Floodplain Manager. He is a long time member of the National Association of State Floodplain Managers and the Society of American Military Engineers. He is a charter member of the newly established Iowa Floodplain and Stormwater Management Chapter.

#### **Tom Oswald**, Iowa Homeland Security and Emergency Management Division

Tom Oswald is the State Lead Public Assistance Coordinator for Iowa Homeland Security and Emergency Management Division in the Department of Public Defense. The Division helps to coordinate activities before, during and after emergencies through partnerships with local, state, federal and private agencies.

He assists in the management of Public Assistance program that help state, county, city and other government entities recover from the 12 open federally and state declared disasters in Iowa.

He represents HSEMD on the Iowa Silver Jackets as well as the Regional Flood Risk Management Team. He also represents the division on other efforts to reduce future flooding impacts in Iowa along with the federal, county, agricultural, university and private partnership.

Oswald began his career with HSEMD in 2008 after 36 years with the USDA Natural Resources Conservation Service in Iowa. He is a graduate of Iowa State University with a BS in Agronomy.

#### **Tracy Schwarz**, USACE-Walla Walla District

Mr. Tracy Schwarz is the Flood Risk Management Program Manager at the U.S. Army Corps of Engineers, Walla Walla District. His time with the Corps has included technical flood risk work in all areas of the flood risk management program, supervisory duties, as well as serving as the program manager of floodplain management services for the past 6 years. His present position is the District Flood Risk Technical Specialist located in the Hydrology and Hydraulics Branch of the Walla Walla District.

## SPEAKER BIOGRAPHICAL SUMMARIES BY SESSION



### **Wednesday (continued)**

**Noreen Schwein**, NOAA;

See page 18.

**Tim Sweeney**, Natural Resources Conservation Service

See page 18.

### **3:30 –4:30 Plenary Discussion & Small Group Discussion: “Doing” Flood Risk Management Back Home**

**Scott Whitney**, Mississippi Valley Division Flood Risk and Silver Jackets Program Manager, USACE-Mississippi Valley Division

Scott Whitney is the USACE Mississippi Valley Division Regional Flood Risk Manager & Senior Program Manager for Operation Watershed-Recovery. As MVD RFRM, he leads and supports national and regional efforts designed to achieve collaborative, comprehensive and sustainable national flood risk management necessary to improve public safety and reduce flood damages to our industry and communities. He seeks opportunities to integrate and synchronize the ongoing, diverse flood risk management projects, programs and authorities of the US Army Corps of Engineers with counterpart projects, programs and authorities of FEMA, other Federal agencies, state organizations and regional and local agencies. He is a national leader/subject matter expert (SME) in Civil Works Planning and the development /implementation of Civil Works policy in the areas of flood damage reduction, flood risk management, etc. As this is currently the first MSC level RFRM position, both HQ and MSC Commander look for the RFRM to provide innovation and leadership necessary to operationalize the mission, goals and objectives of the newly established National Flood Risk Management Program.

As MVD Senior PM for Operation Watershed – Recovery, he established a leadership/management structure, process and protocols for regional effort by multidisciplinary/multiagency teams to reset and restore the Navigation and MR&T FRM systems damaged by the Historic 2011 Mississippi River flood. This will be a monumental task with current cost estimates in the two billion dollar range that cuts across a broad range of Corps authorities/responsibilities and require implementation/collaboration across four Corps Divisions, nine Corps Districts, nine States, and more than a dozen federal agencies.

### **5:30 – 6:30 Silver Jackets Pilot Project Open House – Sim Suite Demonstration**

**Dr. Steve Diaz**, Deputy Director, USACE Readiness Support Center

Steven A Diaz, Ph.D., is the Deputy Director of the of the US Army Corps of Engineers (USACE), Readiness Support Center (RSC). He also serves as the National Training and Exercise Program Director for the Directorate of Contingency Operations, HQ USACE.

## SPEAKER BIOGRAPHICAL SUMMARIES BY SESSION



### *Wednesday (continued)*

A member of the RSC since 2002, Steve has devised and implemented the learning systems architecture for USACE emergency response and recovery training programs. He manages a staff of employees who create instructional and exercise interventions for diverse audiences utilizing various modes of delivery. His dissertation work, “An Analysis of the Relationships among Thinking Styles, Performance and Media Modality in Simulation Training” became the basis for the foundation for the tactical decision-making computer based training in the Corps, and for Table Top exercises in emergency management. The scientific foundation, coupled with state of the art technology has produced a developing curriculum that incorporates high-fidelity authentic task environments.

Projects under his leadership over the past few years include Table Top Exercises for Microsoft where he designed and facilitated simulated events in Istanbul, Mexico City, and Seattle. Simulated exercises for the Truman Bagnell Dam Security Exercise Series; and over 30 Table top exercises utilizing his uniquely devised Table Top Exercise Support Tool (TTX ST), which has been used by FEMA, DHS, and other federal partners in addition to the Army Corps of Engineers. He was a member of the international delegation for the Civil Military Emergency Preparedness program (CMEP) where he designed exercises and simulated events for the Non-NATO Black Sea Initiative countries, including Albania, Georgia, and Kazakhstan. The current second generation simulation tools are GIS based common operational viewers and simulated environment viewers (SimSuite) that allow for interactive scenario development that predicts outcomes and evaluate crisis management responses.

Steve holds a BS in Business, and an MS and Ph.D. in Instructional Design and Development, all from the University of South Alabama.

## SPEAKER BIOGRAPHICAL SUMMARIES BY SESSION



### Day Four: Thursday, August 18th

#### 8:00 – 9:45 Plenary Presentation & Discussion: Silver Jackets – Many Agencies, Common Solutions

**Manuela Johnson**, Indiana Department of Homeland Security

Manuela Johnson is the Indiana Silver Jackets lead for the Indiana Department of Homeland Security. She earned a bachelor's degree in Chemistry and Biology and minored in Medical Sociology. Growing up as a military dependent between the US and Germany, she learned the terms flexibility and adapt and overcome at a young age. She has been certified as an Advanced Emergency Medical Technician and firefighter for 31 years. She has held positions at the IN State Board of Health doing trace residues analysis, has served at the IN dept of environmental management providing chemical support for 10 different environmental programs including Superfund, DoD base re-alignment and chemical emergency response and environmental crimes investigations. With the IN Department of Homeland Security she served as a chemical emergency preparedness field coordinator with the LEPCs, helped establish the Indiana homeland security grant program and currently serves as the Mitigation Program Director. Her hobbies include gardening and working around her home and working as a firefighter/rescue specialist with the National Hot Rod Association.

1. ***Improving Coordinated Flood Preparedness and Response***; Matthew Hunn (presenting), USACE-St. Louis District and Hank DeHaan, USACE-Rock Island District

**Matthew Hunn** is the St. Louis District's Inspection of Completed Works and Flood Risk Management program manager in the Emergency Management Branch. He coordinates internally with the Levee Safety Program Manager to jointly communicate risk and improve public safety for the 88 levee districts within the St. Louis District. Externally, he provides support to the states of Missouri and Illinois as a Silver Jackets coordinator. Mr. Hunn was part of the Interagency Levee Working Group for Missouri and Illinois during the 2008 flood response and recovery effort. Mr. Hunn has geotechnical design, project management, and construction management experience on several flood risk management projects. Recent assignments have included details to Iraq and Afghanistan in support of military contingency operations, most recently in Kabul, Afghanistan, at the U.S. Forces - Afghanistan headquarters.

2. ***A U.S. Geological Survey Flood Inundation Mapping Initiative***; Scott Morlock, USGS

**Scott Morlock** graduated from the Indiana Institute of Technology, Fort Wayne, in 1988 with a B.S. in Civil Engineering. He was a hydraulic engineer with the Indiana Department of Natural Resources, Division of Water, for four years before starting his career with the USGS Indiana Water Science Center. During his 20 years at the USGS, he has specialized in surface-water data collection and investigations projects and has authored or coauthored 12 USGS scientific reports.

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He currently serves as the Deputy Director of the USGS Indiana Water Science Center and USGS representative to the Indiana Silver Jackets.

3. ***Flood Inundation Mapping - A case study in interagency collaboration;*** John Storm, USGS and Katy Breaux, USACE-Kansas City District

**John Storm** is an Engineer with the US Geological Survey's Mississippi Water Science Center. He graduated from Mississippi State University with a BS in Civil Engineering in 1992. He has worked with USGS in Mississippi for 19 years. He is currently working in the Hydrologic Investigations Unit for a long-standing project with the Mississippi Department of Transportation to provide bridge site and scour analysis reports.

**Katy Breaux** is a Hydraulic Engineer at the Corps of Engineers, Vicksburg District. She is the Camo Jackets Lead for Mississippi and project manager for the Modeling, Mapping and Consequences (MMC) production center. Breaux earned a Bachelor of Science in Civil Engineering from Mississippi State University and a Masters Certificate in Project Management from the University of Pittsburgh. She is a registered professional engineer in the State of Mississippi, a registered Project Management Professional, and a Certified Floodplain Manager. She is also a member of the Association of Floodplain Managers of Mississippi and Society of Women Engineers.

4. ***The Flood Risk Management Puzzle; How All the Pieces Came Together;*** Terry R. Zien, USACE-St. Paul District and Jennifer E. Nelson, MN Homeland Security and Emergency Management

**Terry Zien** has a Bachelors of Science degree in Geology, Masters of Science degree in Civil Engineering, Hydrology and Hydraulics, and has been a PE in MN since 1991. He is a member of the American Society of Civil Engineers, Society of American Military Engineers, ASFPM. He has been with the USACE-St. Paul District since 1988, and a Program Manager since 2005.

He is currently the Program Manager, Flood Plain Management Services and Planning Assistance to States Programs for St. Paul District; Project Manager for the National Committee on Levee Safety (HQ USACE, Washington, DC); USACE Silver Jackets coordinator for MN and WI, assistant coordinator for ND; member, Levee Safety Community of Practice; levee screening facilitator, Levee Safety Team, St. Paul District; and USACE National Flood Risk Management Program representative for the St. Paul District.

Mr. Zien's experience includes hydrologic and hydraulic modeling; project and program management; emergency response for flood fighting and hurricane recovery; Action Officer for Task Force Hope, Hurricane and Storm Damage Reduction System, New Orleans; and planning and policy review.

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**Jennifer Nelson** has a Bachelors of Arts in Sociology from University of Wisconsin – Madison and a Masters in Community and Regional Planning, Natural Resources Emphasis, University of New Mexico. She was a Watershed Management/Planner in New Mexico from 2005-2007. She is currently the Deputy State Hazard Mitigation Officer, State of Minnesota, Department of Public Safety, Homeland Security and Emergency Management

She works with FEMA, local community emergency managers and state agency staff towards making Minnesota safer through hazard mitigation plans and projects. Since joining the state in 2007 she has witnessed and worked on eight Presidential Disaster Declarations due to flooding, severe storms, tornadoes and other severe weather.

5. ***Pennsylvania Silver Jackets – Coordination, Relationships and Outreach Tools;***  
Stacey Underwood, USACE-Baltimore District and Tom Hughes, Pennsylvania  
Emergency Management Agency

**Stacey Underwood** is a senior water resources planner for the Baltimore District, U.S. Army Corps of Engineers. She graduated from the University of Delaware with a bachelor's degree in civil engineering and is a registered Professional Engineer in the State of Maryland. She has been working for the Corps of Engineers for 20 years and has extensive experience coordinating the efforts of multidisciplinary teams in the evaluation and development of flood risk management, ecosystem restoration and navigation projects.

Ms. Underwood's expertise is with flood risk management. She has been project manager for various flood risk management and flood preparedness studies and projects in the Chesapeake Bay watershed. Studies have included the evaluation and design of alternatives such as floodwalls, levees, flood proofing techniques, and acquisitions. Ms. Underwood is currently the Baltimore District's Flood Risk Management Program Manager and the Silver Jackets Program Manager.

**Tom Hughes** has been the State Hazard Mitigation Officer (SHMO) for the Pennsylvania Emergency Management Agency since 2009. Employed by the agency since 1993, he has held previous positions which include State Emergency Watch Officer, State Radiological Officer, Urban Search and Rescue Coordinator and State Training Officer. Tom is responsible for the revision, coordination and implementation of the Commonwealth of Pennsylvania's Standard All-Hazard Mitigation Plan with the State Hazard Mitigation Planning Team.

His office is responsible for all county HM planning approvals and all county/municipal non-disaster and disaster hazard mitigation project applications and grant executions, closeouts and property compliance follow-up. Since becoming the SHMO, he has developed an internal fiscal and project HM Database, the PA HM Planning and Project Identification Tool Kit, with User Manual, a PDM Application "How to Guide," and a Planning Standard Operating Guide that all counties use in the commonwealth. He has participated in the Unified Hazard Mitigation

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Assistance Program Pre-Disaster Mitigation (PDM) Grant Peer Review and runs monthly SHMO calls for FEMA Region III and is the co-chair for the PA Silver Jackets Team.

**FY11 Silver Jackets Pilot Projects;** *Jennifer Dunn*, Program Manager, Silver Jackets Program, USACE-Institute for Water Resources (IWR)

**Jennifer Dunn.** See page 3.

### 10:15 –12:00 **Training Sessions**

#### **Track 1: Economics 101 for Flood Risk Managers**

**Kurt Keilman**, USACE-South Pacific Division

Kurt Keilman graduated from the University of California, Santa Barbara with a Masters in Economics, specializing in Econometrics in 1993. He started working for the US Army Corps of Engineers in Sacramento as an Economist in Planning Division assigned primarily to Flood Risk Management. He left the Corps in 2002 and spent a brief time with Bureau of Reclamation Mid-Pacific as a CALSIM Water Modeler. Later that year, he joined Tetra Tech as their Senior Economist/Project Manager. In 2008, he returned to the Corps in Sacramento, to serve as Chief of the Economic Risk Analysis Section. Last year, he accepted a position as the Division Economist for South Pacific Division in San Francisco. He has spent a large part of his career, both inside the Corps and as a contractor, working on the never ending American River projects. In my spare time, he spends most of his energy keeping up with his seven year old triplet daughters.

#### **Track 2: Facilitating Effective Floodplain Management Plans with Project Sponsors and Communities**

**Judy Soutiere**, CFM, National Flood Risk Management Team, USACE-Institute for Water Resources

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**Kathleen Smith**, HQ-FEMA

Kathleen Smith has been with the Federal Emergency Management Agency (FEMA) since 2001. As the FEMA Headquarters lead for the Mitigation Planning program, Ms. Smith provides program support and national policy and guidance to Regional offices, States, local communities and Tribal entities. While at FEMA, Ms. Smith also managed hazard mitigation assistance programs under both the Stafford Act and the National Flood Insurance Program. Prior to joining FEMA, Ms. Smith provided planning services for local communities throughout Kansas and Missouri, both as a city planner and as a private consultant. She also worked as a mitigation planner for the State of



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North Carolina Division of Emergency Management. Ms. Smith has been certified under the American Institute for Certified Planners (AICP) since 1999 and a member of the American Planning Association (APA) since 1994. Ms. Smith has her Bachelor degree in Community & Regional Planning from Iowa State University and a Masters in Urban Planning from the University of North Carolina at Chapel Hill.

### **Track 3: FEMA Programs Overview: The National Flood Insurance Program, Mitigation Grants, and Levees**

**William R. Blanton, Jr.**, Risk Analysis Division, FEMA

Bill is the Senior Advisor for levee related policy issues for the Risk Analysis Division. He is the Agency's representative on the National Committee on Levee Safety, a part time member of the National Flood Insurance Program Reform Workgroup, the lead of FEMA's Levee Analysis and Mapping Project (an initiative to retool how FEMA analyses and maps flood hazards associated with levees that do not meet levee accreditation requirements), and the lead of FEMA's effort to better communicate levee related flood risk to the public. Bill has been working on the National Flood Insurance Program since 1988.

**Zachary Usher**, Risk Reduction Division, FEMA

Zach Usher is a mitigation specialist with the Federal Emergency Management Agency's Risk Reduction Division. Zach has worked in the mapping, floodplain management, and grants programs of the National Flood Insurance Program for ten years.

**Rachel Sears**, Federal Insurance and Mitigation Administration, FEMA

Rachel Sears joined the Federal Emergency Management Agency (FEMA) in 2004 and currently serves as the Acting Senior Policy Advisor for the Federal Insurance and Mitigation Administration (FIMA). In this role, Ms. Sears provides policy advice and senior level decision support to the FIMA Administrator and the Deputy Administrators for Insurance and Mitigation. Rachel has also worked in the Floodplain Management Branch where she supported NFIP community enrollment, eligibility and compliance activities and served as the program manager for the Community Assistance Program - State Support Services Element (CAP-SSSE) Grant Program. She has worked multiple disasters in the National Response Coordination Center and has been deployed to disaster field offices and assignments in Florida, Mississippi and Iowa. Rachel is also a member of the NFIP Reform Working Group, a team tasked with exploring policy reform options for the NFIP. Ms. Sears has a B.S. in Environment Sciences, Resource Management from Shepherd University and a Masters of Public Policy from George Mason University. Ms. Sears is currently pursuing a Ph.D. at George Mason University. Her research interests include population vulnerability to natural hazards and the valuation of natural hazard mitigation strategies.

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#### **12:45 – 1:30 Lunch Demonstration: Watershed Investment Decision Tool**

**Guillermo Mendoza**, USACE-Institute for Water Resources

Guillermo Mendoza obtained his doctoral degree from Cornell University in 2001 in water resources systems engineering. Dr Mendoza is a water resources systems modeler, and began his professional career developing water quality models for New York City Department of Environmental Protection to evaluate best practices for Phosphorus and Nitrogen management. Subsequently, he worked as a contractor for a USAID contract in Honduras supporting watershed management and water resources efficiency programs. Previous to joining USACE, Dr Mendoza developed and led the water program for ecosystem services models to help conservation decision-makers evaluate watershed benefits to hydropower, irrigation, water quality filtration, storm peak reduction, etc. Dr Mendoza is currently at the Institute for Water Resources, USACE, where he implements international projects, Shared Vision Planning projects and is project manager for developing logic models for decision support in WIDT.

#### **1:30 – 2:10 Plenary Presentation: Climate Change**

**Dr. Kate White**, USACE-Institute for Water Resources

Kathleen D. White, PE, is a civil engineer with the U.S. Army Corps of Engineers (USACE) Institute for Water Resources (IWR) in Hanover, NH. She has over 23 years with the USACE and holds a BS and MS in Civil Engineering and a PhD in Civil and Environmental Engineering. As a Senior Lead for Global and Climate Change, she is responsible for policy analysis, planning, research, and studies involving complex water resource systems facing global and climate change. She is managing the USACE Global Change Sustainability Program and the Comprehensive Systems Approach of the IPET/HPDC Lessons Learned Implementation Team.

**Dr. Rolf Olsen**, USACE-Institute for Water Resources

J. Rolf Olsen is a water resources systems engineer with the U.S. Army Corps of Engineers (USACE) Institute for Water Resources (IWR) in Alexandria Virginia. He is currently managing the USACE Responses to Climate Change program. He has led multiple studies on climate change and water resources, including climate change and hydrologic frequency analysis, impacts on inland navigation, and risk-informed decision making for climate change. He has a Ph.D. in Systems Engineering from the University of Virginia, a master's degree from the Pennsylvania State University and a bachelor's degree from Columbia University. He was a nuclear submarine officer in the U.S. Navy for eight years.

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**Greg Karlovits**, USACE-Rock Island District

Gregory S. Karlovits has a M.S. Civil Engineering, Washington State University. His Master's work was on the effects of climate change on hydrology in the Pacific Northwest. He also has a Bachelor of Science degree in Civil Engineering, Michigan Technological University.

### **2:10 – 2:50 Plenary Presentation: USACE Levee Safety Portfolio Management**

**Eric Halpin**, Special Assistant for Dam and Levee Safety, HQ-USACE

Mr. Halpin leads the Corps of Engineers Dam Safety and Levee Safety programs and is the senior advisor to agency leadership on safety issues and decisions for a portfolio of 693 dams and over 2,000 levee systems. Since 2005, he has been the primary agency safety representative on interagency, national, congressional, and international safety organizations, including serving as the Vice Chair of the National Committee on Levee Safety. The major thrust of Mr. Halpin's work has been to incorporate the concepts of risk analysis and risk assessment into all aspects of technical competencies, management processes, and policies for infrastructure.

Eric has over 30 years of experience in the Corps of Engineers in the areas of infrastructure planning, design, construction, operation, and management. Recently, his work has included: the development and deployment of multiple levels of risk assessment methodologies, tools, and processes for dams and levees; the development of policies and procedures for these methodologies including new policies on risk characterization, risk communications, interim risk reduction measures, and risk-informed budget prioritizations; the building and sustaining of an agency wide bench of engineers and scientists competent for performance of risk assessments including staffing of a new Risk Management Center; the creation of an agency Levee Safety Program; leading the preparation of recommendations and a strategic implementation plan for a National Levee Safety Program; and the development of an agency Dam Portfolio Investment Plan.

Mr. Halpin earned a B.S. in Civil Engineering from Clemson University and a M.S. in Civil Engineering from Oklahoma State University, is a registered Professional Engineer in the state of Georgia since 1988, and is a graduate of the Army Management Staff College. Eric has authored numerous reports, journal articles, and professional papers and been a speaker at a variety of national and international conferences.

### **4:45 – 5:00 Closing Remarks**

**Alex Dornstaeder**, Director, USACE, National Flood Risk Management Program

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